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RAW SEQUENCE LISTING

DATE: 10/10/2001

PATENT APPLICATION: US/09/964,065

TIME: 14:15:18

Input Set : A:\213257.txt

Output Set: N:\CRF3\10102001\1964065.raw

## SEQUENCE LISTING

```
(1) GENERAL INFORMATION:
      5
             (i) APPLICANT: Kovesdi, Imre
                            Brough, Douglas E.
      6
                                                                      ENTERED
      7
                            McVey, Duncan L.
                            Bruder, Joseph T.
      8
      9
                            Lizonova, Alena
            (ii) TITLE OF INVENTION: COMPLEMENTARY ADENOVIRAL VECTOR SYSTEMS
     11
     12
                                      AND CELL LINES
     14
           (iii) NUMBER OF SEQUENCES: 4
            (iv) CORRESPONDENCE ADDRESS:
     16
                                                                       ENTERED
     17
                  (A) ADDRESSEE: Leydig, Voit & Mayer, Ltd.
                  (B) STREET: Two Prudential Plaza, Suite 4900
     18
     19
                  (C) CITY: Chicago
     20
                  (D) STATE: Illinois
     21
                  (E) COUNTRY: USA
     22
                  (F) ZIP: 60601
     24
             (V) COMPUTER READABLE FORM:
     25
                  (A) MEDIUM TYPE: Floppy disk
     26
                  (B) COMPUTER: IBM PC compatible
     27
                  (C) OPERATING SYSTEM: PC-DOS/MS-DOS
     28
                  (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
     30
            (vi) CURRENT APPLICATION DATA:
C--> 31
                  (A) APPLICATION NUMBER: US/09/964,065
C--> 32
                  (B) FILING DATE: 26-Sep-2001
     38
                  (C) CLASSIFICATION:
     35
           (vii) PRIOR APPLICATION DATA:
     36
                  (A) APPLICATION NUMBER: US 8-258,416
     37
                  (B) FILING DATE: 1994-06-10
     40
          (viii) ATTORNEY/AGENT INFORMATION:
     41
                  (A) NAME: KILYK, JOHN, JR.
                  (B) REGISTRATION NUMBER: 30763
     42
     43
                  (C) REFERENCE/DOCKET NUMBER: 213257
     45
            (ix) TELECOMMUNICATION INFORMATION:
                  (A) TELEPHONE: (312) 616-5600
     46
     47
                  (B) TELEFAX: (312) 616-5700
     49 (2) INFORMATION FOR SEQ ID NO: 1:
     51
             (i) SEQUENCE CHARACTERISTICS:
                  (A) LENGTH: 32 base pairs
     52
                  (B) TYPE: nucleic acid
     53
     54
                  (C) STRANDEDNESS: single
     55
                  (D) TOPOLOGY: linear
            (ii) MOLECULE TYPE: DNA (synthetic) 5V
W--> 57
     59
            (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                 32
     61 CACTTAATTA AACGCCTACA TGGGGGTAGA GT
     63 (2) INFORMATION FOR SEQ ID NO: 2:
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(i) SEQUENCE CHARACTERISTICS:

65

RAW SEQUENCE LISTING DATE: 10/10/2001 PATENT APPLICATION: US/09/964,065 TIME: 14:15:18

Input Set : A:\213257.txt

Output Set: N:\CRF3\10102001\I964065.raw

	66 67 68	<ul><li>(A) LENGTH: 34 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li></ul>	
	69	(D) TOPOLOGY: linear	
M>	71	(ii) MOLECULE TYPE: DNA (synthetic)	
	73	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:	
		CACTTAATTA AGGAAATATG ACTACGTCCG GCGT	34
	77	(2) INFORMATION FOR SEQ ID NO: 3:	
	79	(i) SEQUENCE CHARACTERISTICS:	
	80	(A) LENGTH: 18 base pairs	
	81	(B) TYPE: nucleic acid	
	82	(C) STRANDEDNESS: single	
	83	(D) TOPOLOGY: linear	
M>		(ii) MOLECULE TYPE: DNA (synthetic)	
	87	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:	1.0
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	93	(i) SEQUENCE CHARACTERISTICS:	
	94 95	(A) LENGTH: 32 base pairs	
	96	(B) TYPE: nucleic acid	
	97	(C) STRANDEDNESS: single (D) TOPOLOGY: linear	
W>		(ii) MOLECULE TYPE: DNA (synthetic)	
W>	10:	· ·	
		CCGGAATTCC ACCATGGCGA GTCGGGAAGA GG	32
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VERIFICATION SUMMARY

DATE: 10/10/2001

PATENT APPLICATION: US/09/964,065

TIME: 14:15:19

Input Set : A:\213257.txt

Output Set: N:\CRF3\10102001\1964065.raw

L:3	1 M:	220	C:	Keyword	misspe	elle	d or	invalid i	format,	[(A)	APPLIC	ATION	NUMBER:]	
L:3	2 M:	220	C:	Keyword	misspe	elle	d or	invalid f	format,	[(B)	FILING	DATE:	}	•
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L:7	1 M:	246	W:	Invalid	value	of	Alpha	Sequence	e Header	Fiel	d, [MO	LECULE	TYPE:],	SeqNo=2
L:8	5 M:	246	W:	Invalid	value	of	Alpha	Sequence	e Header	Fiel	d, [MO	LECULE	TYPE:],	SeqNo=3
L:9	9 M:	246	W:	Invalid	value	of	Alpha	Sequence	e Header	Fiel	d, [MO	LECULE	TYPE:],	SeqNo=4